

I claim:

1. A method for killing or inhibiting the growth of bacteria externally on the skin or within the nasal cavity of an animal, said method comprising administering a therapeutically effective amount of a formulation comprising d-limonene to the animal's skin or nasal cavity for a time sufficient to effectively eradicate or inhibit the growth of said bacteria.
2. The method of claim 1, wherein said d-limonene has a purity of at least 98.5%.
3. The method of claim 1, wherein said bacteria are selected from the group of *Staphylococcus aureus* and *epidermidis*, *Enterococcus faecalis* and *faecium*, *Escherichia coli*, *Enterobacter cloacae*, *Strep. pyogenes*, *Klebsiella pneumoniae*, *Serratia marcescens*, *Pseudomonas aeruginosa*, *Acinetobacter baumannii/haemolytics* and *Stenotrophomonas maltophilia*, *Bacillus anthracis*, *Bacillus licheniformis*, *Bacillus subtilis*, *Bacillus sphaericus*, *Bacillus cereus*, and *Paenibacillus polymyxia*.
4. The method of claim 3, wherein said d-limonene has a purity of at least 98.5%.
5. The method of claim 1, wherein said formulation is selected from the group of Vitamin E oil, lotions, ointments, solutions, suspensions, creams, shampoos, and soaps.
6. A method for treating psoriasis in an animal, said method comprising applying a topical formulation to an area affected with psoriasis for a time sufficient to effectively eradicate said psoriasis, said formulation comprising a therapeutically effective amount of d-limonene.
7. The method of claim 6, wherein said d-limonene has a purity of at least 98.5%.

8. The method of claim 6, wherein said formulation comprises from about 10% to about 50% d-limonene.
9. The method of claim 8, wherein said d-limonene has a purity of at least 98.5%.
10. The method of claim 6, wherein said formulation comprises about 20- 30% d-limonene.
11. The method of claim 10, wherein said d-limonene has a purity of at least 98.5%.
12. A topical dermatological formulation comprising d-limonene and Vitamin E oil.
13. The formulation of claim 12, wherein said d-limonene comprises from about 10% to about 50% of said formulation.
14. The formulation of claim 12, wherein said d-limonene has a purity of at least 98.5%.
15. The formulation of claim 13, wherein said d-limonene comprises from about 20% to about 30% of said formulation.
16. The formulation of claim 15, wherein said d-limonene has a purity of at least 98.5%.
17. The formulation of claim 13, wherein said d-limonene has a purity of at least 98.5%.